

RAW SEQUENCE LISTING

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Application Serial Number: 10597373

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ENTERED

<110> APPLICANT: CASE WESTERN RESERVE UNIVERSITY
 <120> TITLE OF INVENTION: HYBRID AND CHIMERIC POLYPEPTIDES THAT REGULATE
 ACTIVATION OF COMPLEMENT
 <130> FILE REFERENCE: 200512.00002

 <140> CURRENT APPLICATION NUMBER:10597373
 <141> CURRENT FILING DATE:0001-01-01
 <150> PRIOR APPLICATION NUMBER: PCT/IB05/50257
 <151> PRIOR FILING DATE: 2005-01-21
 <150> PRIOR APPLICATION NUMBER: 60/537,860
 <151> PRIOR FILING DATE: 2004-01-21
 <160> NUMBER OF SEQ ID NOS: 35
 <170> SOFTWARE: PatentIn Ver. 3.3

<210> SEQ ID NO 1
 <211> LENGTH: 381
 <212> TYPE: PRT
 <213> ORGANISM: Homo sapiens
 <400> SEQUENCE: 1

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Trp Gly Asp Cys Gly Leu Pro Pro Asp Val Pro Asn Ala Gln Pro Ala
      35           40           45
Leu Glu Gly Arg Thr Ser Phe Pro Glu Asp Thr Val Ile Thr Tyr Lys
      50           55           60
Cys Glu Glu Ser Phe Val Lys Ile Pro Gly Glu Lys Asp Ser Val Ile
      65           70           75           80
Cys Leu Lys Gly Ser Gln Trp Ser Asp Ile Glu Glu Phe Cys Asn Arg
      85           90           95
Ser Cys Glu Val Pro Thr Arg Leu Asn Ser Ala Ser Leu Lys Gln Pro
      100          105          110
Tyr Ile Thr Gln Asn Tyr Phe Pro Val Gly Thr Val Val Glu Tyr Glu
      115          120          125
Cys Arg Pro Gly Tyr Arg Arg Glu Pro Ser Leu Ser Pro Lys Leu Thr
      130          135          140
Cys Leu Gln Asn Leu Lys Trp Ser Thr Ala Val Glu Phe Cys Lys Lys
      145          150          155          160
Lys Ser Cys Pro Asn Pro Gly Glu Ile Arg Asn Gly Gln Ile Asp Val
      165          170          175
Pro Gly Gly Ile Leu Phe Gly Ala Thr Ile Ser Phe Ser Cys Asn Thr
      180          185          190
Gly Tyr Lys Leu Phe Gly Ser Thr Ser Ser Phe Cys Leu Ile Ser Gly
      195          200          205
Ser Ser Val Gln Trp Ser Asp Pro Leu Pro Glu Cys Arg Glu Ile Tyr
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Cys Pro Ala Pro Pro Gln Ile Asp Asn Gly Ile Ile Gln Gly Glu Arg
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Asp His Tyr Gly Tyr Arg Gln Ser Val Thr Tyr Ala Cys Asn Lys Gly
      245          250          255
Phe Thr Met Ile Gly Glu His Ser Ile Tyr Cys Thr Val Asn Asn Asp
      260          265          270
Glu Gly Glu Trp Ser Gly Pro Pro Pro Glu Cys Arg Gly Lys Ser Leu
      275          280          285
Thr Ser Lys Val Pro Pro Thr Val Gln Lys Pro Thr Thr Val Asn Val
      290          295          300
Pro Thr Thr Glu Val Ser Pro Thr Ser Gln Lys Thr Thr Thr Lys Thr
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Thr Thr Pro Asn Ala Gln Ala Thr Arg Ser Thr Pro Val Ser Arg Thr
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Thr	Lys	His	Phe	His	Glu	Thr	Thr	Pro	Asn	Lys	Gly	Ser	Gly	Thr	Thr
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<211> LENGTH: 2102
<212> TYPE: DNA
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 2
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 1620 cccaattcag tctcttctaa gcaaaattgc taaagagaga tgaaccacat tataaagtaa
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<210> SEQ ID NO 3

<211> LENGTH: 2044

<212> TYPE: PRT

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3

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Gly	Ser	Gln	Ile	Lys	Tyr	Ser	Cys	Thr	Lys	Gly	Tyr	Arg	Leu	Ile	Gly	130	135	140	
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Gly	Ser	Val	Val	Thr	Tyr	Arg	Cys	Asn	Pro	Gly	Ser	Gly	Gly	Arg	Lys	195	200	205	
Val	Phe	Glu	Leu	Val	Gly	Glu	Pro	Ser	Ile	Tyr	Cys	Thr	Ser	Asn	Asp	210	215	220	
Asp	Gln	Val	Gly	Ile	Trp	Ser	Gly	Pro	Ala	Pro	Gln	Cys	Ile	Ile	Pro	225	230	235	240
Asn	Lys	Cys	Thr	Pro	Pro	Asn	Val	Glu	Asn	Gly	Ile	Leu	Val	Ser	Asp	245	250	255	

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Ser	Ala	Ser	Tyr	Cys	Val	Leu	Ala	Gly	Met	Glu	Ser	Leu	Trp	Asn	Ser
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Gly	Asn	Gly	Val	Trp	Ser	Ser	Pro	Ala	Pro	Arg	Cys	Gly	Ile	Leu	Gly
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His	Cys	Gln	Ala	Pro	Asp	His	Phe	Leu	Phe	Ala	Lys	Leu	Lys	Thr	Gln
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Thr	Asn	Ala	Ser	Asp	Phe	Pro	Ile	Gly	Thr	Ser	Leu	Lys	Tyr	Glu	Cys
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Arg	Pro	Glu	Tyr	Tyr	Gly	Arg	Pro	Phe	Ser	Ile	Thr	Cys	Leu	Asp	Asn
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Leu	Val	Trp	Ser	Ser	Pro	Lys	Asp	Val	Cys	Lys	Arg	Lys	Ser	Cys	Lys
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Thr	Pro	Pro	Asp	Pro	Val	Asn	Gly	Met	Val	His	Val	Ile	Thr	Asp	Ile
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Gln	Val	Gly	Ser	Arg	Ile	Asn	Tyr	Ser	Cys	Thr	Thr	Gly	His	Arg	Leu
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Ile	Gly	His	Ser	Ser	Ala	Glu	Cys	Ile	Leu	Ser	Gly	Asn	Ala	Ala	His
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Trp	Ser	Thr	Lys	Pro	Pro	Ile	Cys	Gln	Arg	Ile	Pro	Cys	Gly	Leu	Pro
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His	Tyr	Gly	Ser	Val	Val	Thr	Tyr	Arg	Cys	Asn	Pro	Gly	Ser	Gly	Gly
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Cys	Gln	Pro	Gly	Phe	Val	Met	Lys	Gly	Pro	Arg	Arg	Val	Lys	Cys	Gln
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Asp	Asn	Phe	Ser	Pro	Gly	Gln	Glu	Val	Phe	Tyr	Ser	Cys	Glu	Pro	Gly													
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Tyr	Asp	Leu	Arg	Gly	Ala	Ala	Ser	Met	Arg	Cys	Thr	Pro	Gln	Gly	Asp													
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945					950					955					960													
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